

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2003-0054
(Replaces Monitoring and Reporting Program Order No. R1-2000-79)

FOR

JOHN R. BRAUN
AND
THE COUNTY OF HUMBOLDT

FIFTH AND J STREETS
EUREKA, CALIFORNIA

Humboldt County

MONITORING

1. The depth to groundwater in monitoring wells HCC-1 through HCC-8, Tosco MW-6, Tosco MW-8, Hum Co. MW-1, and HCC-101D through HCC-104D shall be determined to at least 0.01 foot increments quarterly. The results of each quarter's monitoring shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
2. Monitoring wells HCC-1 through HCC-8, Tosco MW-6, Tosco MW-8, Hum Co. MW-1, and HCC-101D through HCC-104D shall be sampled quarterly. The analyses shall be performed at a certified laboratory for total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes, halogenated volatile organic compounds (including tetrachloroethylene, trichloroethylene, cis-1, 2-dichloroethene, trans-1, 2-dichloroethene, vinyl chloride, 1,1,2-trichloroethane, 1,2-dichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,1,1-trichloroethane, and 1,1,2,2-tetrachloroethane, ethene, and ethane.), and dissolved oxygen, dissolved carbon dioxide, chloride, dissolved iron, dissolved manganese, and temperature.

REPORTING

1. A scale groundwater elevation contour map shall be submitted for each quarterly set of measurements depicting the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured.
2. Quarterly monitoring reports, including current and historic quarterly gradient data and quarterly sampling data, shall be submitted to this office in tabular form in accordance with the following schedule:

Reporting Period

May, June, July
August, September, October
November, December, January
February, March, April

Due Date

August 15
November 15
February 15
May 15

Ordered by: _____

Susan A. Warner
Executive Officer

April 4, 2003

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